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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: David A. Shafer

FILED: January 16, 2001

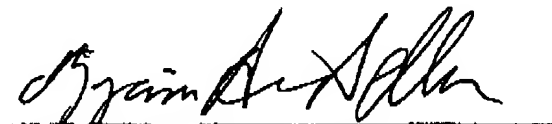
SERIAL NO.: 09/744,097

FOR: Methods For Detecting and Mapping
Genes, Mutations and Variant
Polynucleotide Sequences§
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§ART UNIT:
1637EXAMINER:
Fredman, J.N.DOCKET:
D6429MS AF
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313CERTIFICATE OF FACSIMILE TRANSMISSIONI hereby certify that this response after Final is being transmitted via facsimile to
Examiner Jeffrey N. Fredman at 571-273-8300 on the date below:Date: April 28, 2006
Benjamin Aaron Adler, Ph.D., J.D.RESPONSE UNDER 37 C.F.R. § 1.116

Dear Sir:

In response to the Final Office Action mailed October 28, 2005,
please enter the following amendments and consider the following remarks.
Reconsideration of the claims as amended is respectfully requested.

Respectfully submitted,

Date: April 28, 2006
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